

ABSTRACT OF THE DISCLOSURE**5 METHOD AND SYSTEM FOR CACHING FRAGMENTS WHILE
AVOIDING PARSING OF PAGES THAT DO NOT CONTAIN FRAGMENTS**

A method, a system, an apparatus, and a computer program product are presented for a fragment caching methodology. After a message is received at a computing device that contains a cache management unit, a fragment in the message body of the message is cached. Subsequent requests for the fragment at the cache management unit result in a cache hit. A FRAGMENTLINK tag is used to specify the location in a fragment for an included or linked fragment which is to be inserted into the fragment during fragment or page assembly or page rendering. If a FRAGMENTLINK tag is present within the message body of a message, then the FRAGMENT message header for the message may indicate the presence of the FRAGMENTLINK tag with a directive for the FRAGMENT message header, e.g., using a "contains-fragment" directive.